P🔍RTAL
USPTO

Search: ⊙ The ACM Digital Library ○ The Guide

xml document and child node and parent node and xpath   SEARCH

Searching within **The ACM Digital Library** for: xml document and child node and parent node and

Found **612** of **281,570**

REFINE YOUR SEARCH

Search Results   Related Journals   Related Magazines   Related SI

Results 1 - 20 of 612   Sort by relevanc

💾 Save results to a Binder

▼ Refine by Keywords

xml document and chi

SEARCH

Discovered Terms

Result page: **1**   2   3

1 Describing multistructured XML documents by means of delay node:
   Jacques Le Maitre
   October 2006 **DocEng '06:** Proceedings of the 2006 ACM symposium on Dc
   Publisher: ACM Request Permissions
   Full text available: 📄 Pdf (322.23 KB)   Additional Information: full citation, abstra

   Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 12,   Downloa

▼ Refine by People
Names
Institutions
Authors
Reviewers

Multistructured documents are documents whose structure is composed
structures. In this paper, we propose a new model of multistructured dc
its instances into XML using a new kind ...

▼ Refine by
Publications
Publication Year
Publication Names
ACM Publications
All Publications
Content Formats
Publishers

Keywords: XML, XQuery, lazy evaluation, multistructured documents

2 SilkRoute: A framework for publishing relational data in XML
   Mary Fernández, Yana Kadiyska, Dan Suciu, Atsuyuki Morishima, Wang-Ch
   December 2002 **Transactions on Database Systems (TODS)** , Volume 27 I
   Publisher: ACM Request Permissions
   Full text available: 📄 Pdf (687.91 KB)   Additional Information: full citation, abstra

▼ Refine by
Conferences
Sponsors
Events
Proceeding Series

   Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 98,   Downlo

ADVANCED SEARCH
🔍 Advanced Search

XML is the "lingua franca" for data exchange between interenterprise ap
SilkRoute, a framework for publishing relational data in XML. In SilkRou
steps: the relational tables ...

FEEDBACK
✒ Please provide us
with feedback

Found **612** of **281,570**

Keywords: XML, XML storage systems, XQuery

3 Holistic twig joins on indexed XML documents
   Haifeng Jiang, Wei Wang, Hongjun Lu, Jeffrey Xu Yu
   September 2003 **VLDB '2003: Proceedings of the 29th international co
   - Volume 29** , Volume 29
   Publisher: VLDB Endowment
   Full text available: 📄 Pdf (390.00 KB)   Additional Information: full citation, abstra

   Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 33,   Downloa

   Finding all the occurrences of a twig pattern specified by a selection pre
   document is a core operation for efficient evaluation of XML queries. Ho

proposed recently as an optimal solution ...

4 Archiving scientific data

Peter Buneman, Sanjeev Khanna, Keishi Tajima, Wang-Chiew Tan

March 2004   **Transactions on Database Systems (TODS)** , Volume 29 Issue

Publisher: ACM   Request Permissions

Full text available: Pdf (745.61 KB)

Additional Information: full citation, append cited by, index term

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 180,   Downl

Archiving is important for scientific data, where it is necessary to record
to verify findings based upon a specific version. Much scientific data is h
key structure that provides ...

Keywords: Keys for XML

5 Incremental XPath evaluation

Henrik Björklund, Wouter Gelade, Marcel Marquardt, Wim Martens

March 2009   **ICDT '09:** Proceedings of the 12th International Conference o

Publisher: ACM   Request Permissions

Full text available: Pdf (589.46 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 52,   Downloa

We study the problem of incrementally maintaining an XPath query on a
updates we consider are node insertion, node deletion, and node relabe
downward XPath queries can be incrementally maintained ...

6 The complexity of query containment in expressive fragments of XPa

Balder ten Cate, Carsten Lutz

September 2009   **Journal of the ACM (JACM)** , Volume 56 Issue 6

Publisher: ACM   Request Permissions

Full text available: Pdf (675.16 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 23,   Downloads (12 Months): 208,   Downl

XPath is a prominent W3C standard for navigating XML documents that
query answering and static analysis. In particular, query containment ha
fragments of the 1.0 version of this standard, ...

Keywords: XML, XPath, complexity, containment, satisfiability

7 On the minimization of XPath queries

S. Flesca, F. Furfaro, E. Masciari

February 2008   **Journal of the ACM (JACM)** , Volume 55 Issue 1

Publisher: ACM   Request Permissions

Full text available: Pdf (840.53 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 24,   Downloads (12 Months): 114,   Downl

XPath expressions define navigational queries on XML data and are issu

element nodes. Due to the wide use of XPath, which is embedded into s
manipulating XML data, the problem of ...

Keywords: Query containment, XPath expressions, query minimization

8 Containment and equivalence for a fragment of XPath

Gerome Miklau, Dan Suciu

January 2004 **Journal of the ACM (JACM)** , Volume 51 Issue 1

Publisher: ACM   Request Permissions

Full text available: Pdf (367.27 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 14,   Downloads (12 Months): 102,   Downl

XPath is a language for navigating an XML document and selecting a set
are used to query XML data, describe key constraints, express transform
remote documents. This article studies ...

Keywords: Tree pattern matching, XPath expressions, query containm

9 Relevancy-based access control and its evaluation on versioned XM

Mizuho Iwaihara, Ryotaro Hayashi, Somchai Chatvichienchai, Chutiporn An

February 2007 **Transactions on Information and System Security (TIS**

Publisher: ACM   Request Permissions

Full text available: Pdf (1.00 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 73,   Downloa

Integration of version and access control of XML documents has the ben
growing archives of XML documents. Versioned XML documents provide
dependencies between document nodes, but, at ...

Keywords: Access control, XML, XPath, query language, security, versi

10 Forward node-selecting queries over trees

Dan Olteanu

March 2007 **Transactions on Database Systems (TODS)** , Volume 32 Issue

Publisher: ACM   Request Permissions

Full text available: Pdf (511.16 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 49,   Downloa

Node-selecting queries over trees lie at the core of several important XM
node-selection language XPath, the query language XQuery, and the tra
syntactic constructs of such queries ...

Keywords: Expressiveness, XML, XPath, rewriting, streams

11 Fast XML document filtering by sequencing twig patterns

Joonho Kwon, Praveen Rao, Bongki Moon, Sukho Lee

September 2009 **Transactions on Internet Technology (TOIT)** , Volume 9

Publisher: ACM ◈ Request Permissions
Full text available: 🔲 Pdf (1.50 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 253, Downl

XML-enabled publish-subscribe (pub-sub) systems have emerged as an
commerce and Internet applications. In a typical pub-sub system, subsc
profile expressed in the XPath language. ...

Keywords: Prüfer sequences, XML filtering, selective dissemination of i

12 XRel: a path-based approach to storage and retrieval of XML docum
August 2001 **Transactions on Internet Technology (TOIT)** , Volume 1 Issu
Publisher: ACM ◈ Request Permissions
Full text available: 🔲 Pdf (264.27 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 166, Downl

This article describes XRel, a novel approach for storage and retrieval of
databases. In this approach, an XML document is decomposed into node
stored in relational tables according ...

Keywords: XML query, XPath, text markup, text tagging

13 A system for the static analysis of XPath
Pierre Genevès, Nabil Layaïda
October 2006 **Transactions on Information Systems (TOIS)** , Volume 24 I
Publisher: ACM ◈ Request Permissions
Full text available: 🔲 Pdf (1.31 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 50, Downloa

XPath is the standard language for navigating XML documents and retur
present a sound and complete decision procedure for containment of XF
XPath decision problems such as satisfiability, ...

Keywords: Containment, XML, XPath, equivalence, logic, query

14 FleXPath: flexible structure and full-text querying for XML
Sihem Amer-Yahia, Laks V. S. Lakshmanan, Shashank Pandit
June 2004 **SIGMOD '04:** Proceedings of the 2004 ACM SIGMOD internati
data
Publisher: ACM ◈ Request Permissions
Full text available: 🔲 Pdf (437.86 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 93, Downlo

Querying XML data is a well-explored topic with powerful database-style
XQuery set to become W3C standards. An equally compelling paradigm
search on textual content. In this paper, ...

15

Typing and querying XML documents: some complexity bounds
Luc Segoufin
June 2003　　**PODS '03:** Proceedings of the twenty-second ACM SIGMOD-S
　　　　　　　of database systems
Publisher: ACM 🔹 Request Permissions
Full text available: 📄 Pdf (246.23 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 4,　Downloads (12 Months): 23,　Downloa

We study the complexity bound of validating XML documents, viewed as
against various typing systems like DTDs, XML schemas, tree automata
complexities for various fragments of XPath. ...

16 FiST: scalable XML document filtering by sequencing twig patterns
Joonho Kwon, Praveen Rao, Bongki Moon, Sukho Lee
August 2005　**VLDB '05:** Proceedings of the 31st international conference on
Publisher: VLDB Endowment
Full text available: 📄 Pdf (359.93 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 3,　Downloads (12 Months): 24,　Downloa

In recent years, publish-subscribe (pub-sub) systems based on XML doc
attention. In a typical pub-sub system, subscribed users specify their in
language, and each new content ...

17 Type-based XML projection
Véronique Benzaken, Giuseppe Castagna, Dario Colazzo, Kim Nguyễn
September 2006　**VLDB '06:** Proceedings of the 32nd international conferenc
Publisher: VLDB Endowment
Full text available: 📄 Pdf (574.17 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 3,　Downloads (12 Months): 18,　Downloa

XML data projection (or pruning) is one of the main optimization technic
main-memory XML query-engines. The underlying idea is quite simple:
the subtrees of *D* ...

18 XPath leashed
Michael Benedikt, Christoph Koch
December 2008　**Computing Surveys (CSUR)** , Volume 41 Issue 1
Publisher: ACM 🔹 Request Permissions
Full text available: 📄 Pdf (649.70 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 23,　Downloads (12 Months): 441,　Downl

This survey gives an overview of formal results on the XML query langu
important fragments of XPath, focusing on subsets of XPath 1.0. We the
XPath and its fragments compared to other ...

Keywords: XML, XPath

19 Succinct ordinal trees with level-ancestor queries
Richard F. Geary, Rajeev Raman, Venkatesh Raman

October 2006 **Transactions on Algorithms (TALG)** , Volume 2 Issue 4
Publisher: ACM ◇ Request Permissions
Full text available: 📄 Pdf (472.00 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 66, Downloa

We consider *succinct* or space-efficient representations of trees that effi
operations. We focus on static *ordinal* trees, that is, arbitrary static root
node are ordered. ...

Keywords: Succinct data structures, XML document representation

20 Query efficiency in probabilistic XML models
◇ Benny Kimelfeld, Yuri Kosharovsky, Yehoshua Sagiv
June 2008   **SIGMOD '08:** Proceedings of the 2008 ACM SIGMOD internati
     data
Publisher: ACM ◇ Request Permissions
Full text available: 📄 Pdf (1.04 MB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 125, Downl

Various known models of probabilistic XML can be represented as instar
documents have, in addition to ordinary nodes, *distributional* nodes that
generating a random ...

Keywords: approximate query evaluation, probabilistic databases, prob
processing

Result page: **1**   2   3